

## WEST Search History for Application 09812037

Creation Date: 2009022711:36

| Query  | DB   | Op. | Plur. | Thes. | Date       |
|--|--|-----|-------|-------|------------|
| (representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab.  | USPT   | ADJ |       |       | 05-25-2008 |
| (representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab.  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |       |       | 05-25-2008 |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. ) and (search\$ or quer\$ or retriev\$3)  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |       |       | 05-25-2008 |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. and (search\$ or quer\$ or retriev\$3) ) not @AD>20010319   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |       |       | 05-25-2008 |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. and (search\$ or quer\$ or retriev\$3) ) not ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. and (search\$ or quer\$ or retriev\$3) not @AD>20010319 ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |       |       | 05-25-2008 |
| (organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$)   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |       |       | 05-25-2008 |
| ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) ) and (search\$ or quer\$ or retriev\$3)   | PGPB,<br>USPT,<br>USOC,                                    | ADJ |       |       | 05-25-2008 |

|  |  |     |  |  |            |
|--|--|-----|--|--|------------|
|  | EPAB,<br>JPAB,<br>DWPI,<br>TDBD                            |     |  |  |            |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. ) and ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) and (search\$ or quer\$ or retriev\$3) )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |  |  | 05-25-2008 |
| ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) and (search\$ or quer\$ or retriev\$3) ) and 707/\$.ccls.  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |  |  | 05-25-2008 |
| ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) and (search\$ or quer\$ or retriev\$3) and 707/\$.ccls. ) not @AD>20010319   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |  |  | 05-25-2008 |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. and (search\$ or quer\$ or retriev\$3) not @AD>20010319 ) or ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) and (search\$ or quer\$ or retriev\$3) and 707/\$.ccls. not @AD>20010319 ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |  |  | 05-25-2008 |
| 20030105765.pn.  | PGPB   | ADJ |  |  | 02-27-2009 |
| (20030105765.pn. ) and particular  | PGPB   | ADJ |  |  | 02-27-2009 |
| (6101506 or 5894333 or 6238106).pn.  | USPT   | ADJ |  |  | 02-27-2009 |
| (representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab.  | USPT   | ADJ |  |  | 02-27-2009 |
| (representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab.  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |  |  | 02-27-2009 |

|  |  |     |  |  |            |
|--|--|-----|--|--|------------|
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. ) and (search\$ or quer\$ or retriev\$3)  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ |  |  | 02-27-2009 |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. and (search\$ or quer\$ or retriev\$3) ) not @AD>20010319   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ |  |  | 02-27-2009 |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. and (search\$ or quer\$ or retriev\$3) ) not ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. and (search\$ or quer\$ or retriev\$3) not @AD>20010319 ) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ |  |  | 02-27-2009 |
| ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$)  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ |  |  | 02-27-2009 |
| ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) ) and (search\$ or quer\$ or retriev\$3)   | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ |  |  | 02-27-2009 |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. ) and ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) and (search\$ or quer\$ or retriev\$3) )  | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ |  |  | 02-27-2009 |
| ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) and (search\$ or quer\$ or retriev\$3) ) and 707/\$.ccls.  | PGPB, USPT, USOC, EPAB,                  | ADJ |  |  | 02-27-2009 |

|  |  |     |     |  |            |
|--|--|-----|-----|--|------------|
|  | JPAB,<br>DWPI,<br>TDBD                                     |     |     |  |            |
| ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) and (search\$ or quer\$ or retriev\$3) and 707/\$.ccls. ) not @AD>20010319   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |     |  | 02-27-2009 |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. and (search\$ or quer\$ or retriev\$3) not @AD>20010319 ) or ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) and (search\$ or quer\$ or retriev\$3) and 707/\$.ccls. not @AD>20010319 ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ |     |  | 02-27-2009 |
| hid\$ near5 value\$  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 02-27-2009 |
| ((organiz\$ or creat\$) near5 representative near7 (group\$ or plurality or differen\$) ) and (hid\$ near5 value\$ )   | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 02-27-2009 |
| name and value and object  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 02-27-2009 |
| ((representative\$1 near5 (group\$3 or set\$1 or division\$1 or cluster\$3) near5 object\$1).ab. ) and (name and value and object )  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 02-27-2009 |
| (hid\$ near5 value\$ ) and (name and value and object )  |  | ADJ | YES |  | 02-27-2009 |

|  |  |     |     |  |            |
|--|--|-----|-----|--|------------|
|  | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD |     |     |  |            |
| ((organiz\$ or creat\$) near5 representative near7<br>(group\$ or plurality or differen\$) ) and (hid\$ near5<br>value\$ and name and value and object ) | PGPB,<br>USPT,<br>USOC,<br>EPAB,<br>JPAB,<br>DWPI,<br>TDBD | ADJ | YES |  | 02-27-2009 |